

353.9 P.C. 353.9  
M 765

BIENNIAL REPORT

OF THE

**Secretary of State**

STATE OF MONTANA

FOR THE PERIOD

Nov. 30, 1912 to Nov. 30, 1914

INCLUDING SPECIAL REPORTS

OF THE

**Department of Weights  
and Measures**

---

PUBLISHED BY SECRETARY OF STATE  
DECEMBER, 1914





BIENNIAL REPORT

OF THE

Secretary of State

STATE OF MONTANA

FOR THE PERIOD

Nov. 30, 1912 to Nov. 30, 1914

INCLUDING SPECIAL REPORTS

OF THE

Department of Weights  
and Measures

---

PUBLISHED BY SECRETARY OF STATE  
DECEMBER, 1914





# BIENNIAL REPORT OF THE SECRETARY OF STATE OF MONTANA.

Department of State.

Helena, Montana, December 1, 1914.

To His Excellency, Samuel V. Stewart,  
Governor of Montana.

Sir:

In accordance with the provisions of our laws, I have the honor herewith to submit for your Excellency's consideration my report of the transactions of the office of secretary of state during the interim between December 1, 1912, and November 30, 1914. A portion of this time, or from December 1, 1912, to January 6, 1913, the affairs of the office were administered by my predecessor, the Honorable Thomas M. Swindlehurst. The report of Mr. Swindlehurst made to Governor Norris closed with the quarter ending Nov. 30, 1912. The remaining month and some days of his administration are included in this report.

I may say at the outset that it is not my purpose to reiterate in this biennial report the fiscal details which have previously been covered in the quarterly reports made by this office and copies of which are to be found in the office of the state auditor, in your Excellency's files, and in the Secretary of State's department. It has been the custom in the past to set out in minute detail every fiscal transaction of the office in the biennial report, even though the same matter had been covered in reports rendered quarterly. The printing of these details occupied considerably more than one hundred pages of the secretary's biennial report. Doubtless an ambition to cover completely the record of the two years inspired previous incumbents of the office to compile and publish such voluminous statistics, and my resolve to include herein merely the summary or recapitulation of the quarterly reports does not spring from any spirit of dissatisfaction with the method formerly employed. However, I cannot but conclude that the expense of printing more than one hundred pages of detail upon which reports previously have been made is, to say the least, hardly to be considered a wise or an economical practice. I shall, therefore, herein set forth the fiscal report in as concise and compact form as is compatible with rendering a complete accounting of receipts and

disbursements, leaving the detail to be covered as it has been, by the quarterly reports.

During my incumbency several new duties have been imposed upon the Secretary of State by laws initiated and passed by the people in 1912, and by statutes created by the Thirteenth Legislative Assembly. These include the administration of the primary election and corrupt practices acts, the automobile registration law, and the reconstructed weights and measures statute. The latter department, while not new in the office of the Secretary of State, underwent such radical reconstruction at the hands of the last Assembly that it might well be termed a new department. The additional work of the office entailed by these various statutes has been cared for with the employment of but one additional clerk, whose salary has been paid from the receipts of the automobile registration law, the administration of which consumes the larger part of this clerk's time and attention.

Several rather serious problems arose in connection with the administration in 1914 of the initiative and referendum statutes, carrying into effect the provisions of the constitutional amendment, and of the corrupt practices act, both with regard to the primary and the general elections.

As your Excellency well knows, the constitutionality of the initiative and referendum amendment was attacked by proceedings in injunction brought in the Supreme Court. The uncertainty thus engendered, together with the failure of the previous legislative session to appropriate funds with which to carry out the provisions of the initiative and referendum act, contrived much to complicate the situation. To await the decision of the Supreme Court before proceeding with the immense amount of printing, binding, addressing and mailing more than half a million copies of pamphlets containing the three initiative measures and the one act referred, would have rendered it a physical impossibility to comply with the terms of the law at the time which is fixed by statute. To proceed in advance of the decision might mean the waste of thousands of dollars of the taxpayer's money. Complicating the situation was the fact that no funds were available for the expense. I have to acknowledge my obligation to the state printer, The Independent Publishing Company, and to your Excellency and the Attorney General, for the solution of these difficulties. The state printer



printed and bound the pamphlets in advance of the court's decision and before the injunction became operative, even though informed that the loss, if any, would be his. The board of examiners, through your Excellency and the Attorney General, agreed to authorize a deficiency claim for the printing if the court should uphold the act. Thus it was that the work was enabled to be done in time. I trust that the probability of the submission of proposed acts under the initiative at the election in 1916 will be remembered by the appropriation committee of the impending Legislative Assembly. Ten thousand dollars should be appropriated to this purpose for the year ending March 1, 1917. It is probable that not all, and possible that none, of such an appropriation will be expended, but it should be available to meet the contingency which is almost certain to arise.

Quite probably it was presumed by those who drafted the corrupt practices act that the fees provided to be paid by candidates procuring space in the pre-election pamphlets would suffice to defray the cost of publication and distribution of those pamphlets. The facts are that such fees are ridiculously inadequate for such a purpose in the so-called "off-year" primaries and general elections, and it is my belief that they will prove altogether too small even in presidential years when candidates will be more numerous and fees more plentiful. Be this as it may, the necessity for legislative appropriation to cover the cost of administering the corrupt practices act, is none the less apparent. Fees collected under the act are converted into the general fund of the state, and are not available to defray the expenses incurred by publication of the advertising matter purchased by candidates. In this predicament with reference to the corrupt practices act, as well as with regard to the initiative measures, the secretary of state found himself this year,—that the law commanded him to perform certain duties but that the legislature had left him without means with which to perform them. Pharaoh's edict to the Israelites was not more unreasonable. Here again, the state board of examiners came to the rescue with an authorization of a deficiency to cover the cost and the public printer graciously consented to wait for his money.

I have estimated in a communication to the State Auditor that the corrupt practices booklets in 1916 will cost \$10,000 at each election—the primary and the general. The state will

derive considerable revenue from these brochures, but not near enough to pay for them. Therefore, I trust appropriations will be made so that the state can pay as it goes for the privilege of heralding to the electorate the admirable qualities of the several gentlemen (and ladies too!) who shall aspire to office in 1916.

Because of the very extensive operations of the weights and measures department under the law passed in 1912, I deem the work of that bureau entitled to a separate report, which will reach your Excellency shortly. I may say here, however, that it is my firm belief, to substantiate which figures are easily available, that this department has handsomely repaid the people of the state for the expense incurred in its operation. This will more fully and at length be shown in the report from that department.

As shown by the statistics appended in this report, the state has received \$27,697 during the biennial period from the registration of automobiles under the Largey Act. Owing, doubtless, to some oversight on the part of the draughtsman of this law, no provision is made for the annual registration of automobiles, so that revenues from this source will be small from now forward unless the act is amended, which, undoubtedly, it will be at the forthcoming session. The secretary of the highway commission, the State Automobile Association and the Secretary of State, are contemplating asking a revision of the present statute in some particulars. Personally, I had thought that the district inspectors of weights and measures might well be impressed to more service for the state by making it part of their duties to assist in the enforcement of the automobile law. Annual registrations, perhaps some increase in fees, and a few minor changes are contemplated. The fees collected have been covered to the credit of the Highway Fund, and the disposition of them, I apprehend, will be shown by the report of the Secretary of the Commission.

Under the direction of the state board of examiners, the Secretary of State is the custodian of the Capitol and grounds. Some remarks concerning the Capitol and grounds may, under that circumstance, be pertinent:

Under the able direction of the former board of examiners, acting as a capitol commission, the very handsome and substantial wings of the Capitol were constructed. The work of con-



struction quite naturally left the grounds adjacent to these wings in an unsightly condition. As a matter of fact the grounds south and east of the building have never been properly improved. The state engineer, Mr. A. W. Mahon, at my suggestion, prepared plans for the terracing, filling and parking of the hitherto neglected portion of the grounds. Bids were invited and obtained for the performance of the work in accord with such plans, but no funds were available for the purpose. I respectfully, but urgently, suggest that provision should be made for this work. It seems too bad that we should maintain in the same square a velvety, beautiful lawn, dotted with graceful trees, and wide stretches of rank weeds, broken granite and refuse heaps. The contrast is depressing. The estimated expense of these needed improvements is \$5,000. If the state can possibly spare it, I know of no more deserving channel into which that amount of money could be diverted.

Constructed in 1889, the center portion of the Capitol has had little or no repair in sixteen years. Considerable money could with profit be expended upon it. The first floor especially needs a practical renovating from end to end. All over the building there are repairs that should be made. We shall save no money by allowing the Capitol to "run down," and I do not mean to imply that it is badly cared for; on the contrary I believe it to be better cared for with fewer men than any other large building in the northwest, publicly or privately owned. I have taken the liberty to estimate to the Auditor what it seems to me would be the expense of necessary betterments on the central or main portion of the building.

In conclusion, it occurs to me to remark a situation which undoubtedly has come to the attention of your Excellency ere this. I refer to the confusion which inevitably results from making new laws effective immediately upon their passage and approval. It requires six weeks to compile, index and publish the session laws. Until this is done, the people generally and even officers charged with its enforcement, often do not know what is the law. I would suggest that in future no law, except an appropriation or emergency act, should become effective until sixty days after its approval. This could be provided for in the measures themselves and would, I believe, save much confusion and duplication of work.

I am under much obligation to Mr. Copeland C. Burg, deputy secretary of state; Miss Adeline E. Redington, chief clerk;

Mr. John P. Riddell, chief deputy sealer of weights and measures, and Miss Leah Steeves, auto clerk, for highly efficient service and unflagging loyalty. They have made the work of the office easy and pleasant.

To your Excellency I am deeply indebted for uniform courtesy and ready assistance at all times.

Very respectfully,

A. M. ALDERSON,  
Secretary of State.

### FISCAL TABULATIONS.

December 1, 1912, to November 30, 1914.

For the year ending November 30, 1913:

Domestic Corporations .....	\$26,424.20
Foreign Corporations .....	19,779.10
Notarial Commissions .....	6,069.00
Certificates and Certified Copies .....	1,404.70
Ticket Agents' Licenses .....	121.00
Official Bonds .....	166.00
Warrants .....	110.00
Trade Marks .....	97.00
Coal Licenses .....	163.00
Commissioners of Deeds .....	5.00
Weights and Measures .....	334.01
Sale of Typewriters .....	170.00
Miscellaneous .....	690.00
Total .....	<hr/> \$55,533.01

For the year ending November 30, 1914:

Domestic Corporations .....	\$29,670.55
Foreign Corporations .....	8,279.50
Notarial Commissions .....	6,559.00
Certificates and Certified Copies .....	839.40
Railroad Ticket Agents' Licenses .....	110.00
Official Bonds .....	47.00
Warrants .....	115.00
Trade Marks .....	87.00
Coal Licenses .....	167.00
Commissioners of Deeds .....	10.00
Weights and Measures .....	26.80
Miscellaneous .....	1,445.00
Total .....	<hr/> \$47,356.25

**SEGREGATION OF FEES FOR EACH QUARTER OF 1913**

Domestic Corporations	\$ 7,031.65	\$ 5,990.40	\$ 8,007.50	\$5,394.65
Foreign Corporations..	2,304.00	13,315.50	2,370.00	1,789.60
Notarial Commissions.	1,638.00	1,624.00	1,414.00	1,393.00
*R. R. T. A. Licenses.	26.00	39.00	22.00	34.00
**C. and C. Copies....	268.60	717.70	221.90	196.50
Official Bonds .....	20.00	48.00	64.00	34.00
Warrants .....	25.00	25.00	40.00	20.00
Trade Marks .....	8.00	39.00	30.00	20.00
Coal licenses .....	46.00	21.00	35.00	61.00
Commission's of Deeds .....	.....	.....	5.00	.....
Sale of Typewriters...	170.00	.....	.....	.....
Weights and Measures	278.99	34.22	.....	20.80
Miscellaneous .....	15.00	530.00	135.00	10.00
Total .....	\$11,831.24	\$22,383.82	\$12,344.40	\$8,973.55

\*Railroad Ticket Agents' Licenses.

\*\*Certificates and Certified Copies.

**SEGREGATION OF FEES FOR EACH QUARTER OF 1914**

Domestic Corporations	\$5,883.00	\$9,682.00	\$8,215.10	\$5,891.45
Foreign Corporations.	1,468.10	2,474.40	3,152.00	1,185.00
Notarial Commissions	1,491.00	1,932.00	1,645.00	1,491.00
*C. and C. Copies....	144.20	188.60	288.00	218.60
**R. R. T. A. Licenses	28.00	24.00	35.00	23.00
Official Bonds .....	16.00	5.00	3.00	23.00
Warrants .....	20.00	30.00	45.00	20.00
Trade Marks .....	26.00	33.00	16.00	12.00
Coal Licenses .....	53.00	37.00	38.00	39.00
Commission's of Deeds	10.00	.....	.....	.....
Weights and Measures	5.80	21.00	.....	.....
Miscellaneous .....	25.00	20.00	540.00	860.00
Total .....	\$9,169.10	\$1,447.00	\$13,977.10	\$9,763.05

\*Certificates and Certified Copies.

\*\*Railroad Ticket Agents' Licenses.

The fee from all sources for the past six years are as follows:

Fees received for fiscal year 1909.....	\$65,488.95
Fees received for fiscal year 1910.....	66,753.90
Fees received for fiscal year 1911.....	49,425.33
Fees received for fiscal year 1912.....	51,626.39
Fees received for fiscal year 1913.....	55,533.01
Fees received for fiscal year 1914.....	47,356.25

# **Appropriations for Office of Secretary of State for Two Years Ending February 28, 1915.**

Balance on Hand February 28, 1913.....	\$ 709.30
Appropriations for year ending February 28, 1914:	
Office Expenses .....	\$1,500.00
Extra Clerical Hire .....	700.00
Postage and Express on Session Laws .....	300.00
Total .....	<u>\$3,209.30</u>

Appropriations for the year ending February 28, 1915:	
Office Expenses .....	\$1,500.00
Extra Clerical Hire .....	300.00
Total .....	<u>\$1,800.00</u>
Transferred from Contingent Fund of Board of Examiners .....	\$328.80
Transferred from State Highway Fund.....	110.30
	<u>\$439 10</u>

Total amount Expended from November 30, 1912, to November 28, 1914:

Stamps and Stamped Envelopes .....	\$819.25
Express .....	112.36
Drayage and Freight .....	12.00
Telegraphing .....	194.00
Telephone, Rent and Tolls .....	406.91
Traveling Expenses .....	482.00
Office Supplies .....	957.66
Railroad Mileage Books .....	300.00
Repairs .....	43.00
Directories .....	10.00
Premium on Bonds .....	75.00
Engrossing Election Certificates .....	55.00
Sundries .....	224.29
Postage and Express on Session Laws.....	273.55
Extra Clerical Hire .....	769.58
Addressing Campaign Books .....	352.25
Total .....	<u>\$5,087.75</u>
Balance on Hand November 28, 1914.....	\$360.65

The estimate of the appropriations for this Department for the years ending March 1st, 1916 and 1917, are:

Salary of Secretary of State, \$3,000 per annum.....	\$6,000.00
Salary of Deputy, \$2,100 per annum.....	4,200.00
Salary Chief Clerk and Stenographer, \$1,800 per annum	3,600.00
Extra Clerical Hire, 1915 .....	700.00
Extra Clerical Hire, 1916 .....	300.00
Office and Traveling Expense, including Stamps, Stamped Envelopes, Telegraphing, Telephones and other Office Expense, \$1,500 per annum.....	3,000.00
Expense of the Department of Weights and Measures, including salary of Chief Deputy Sealer of Weights and Measures, \$4,000 per annum.....	8,000.00
Postage on Session Laws and Reports, 1915.....	300.00
	<hr/>
	\$26,100.00

#### For the Year 1916 Only.

Expense of complying with the Initiative and Referen- dum Act, estimated .....	\$10,000.00
Expense of administering the Corrupt Practices Act.	
Primary Election, 1916 .....	10,000.00
General Election, 1916 .....	10,000.00
	<hr/>
	\$30,000.00

#### Statement of Receipts and Disbursements Under Chapter 71, Laws of 1913, Registration of Automobiles.

Receipts, April 12, 1913, to May 31, 1913.....	\$6,406.00
Expenses, April 12, 1913, to May 31, 1913.....	1,353.60
	<hr/>
Net .....	\$5,052.40
Receipts, June, July, August, 1913.....	\$8,662.75
Expenses, June, July, August, 1913.....	1,754.50
	<hr/>
Net .....	\$6,908.25
Receipts, Sept., Oct., Nov., 1913.....	\$1,494.00
Expenses, Sept., Oct., Nov., 1913.....	43.29
	<hr/>
Net .....	\$1,450.71
Receipts, Dec., 1913, January and February, 1914....	\$ 841.25
Expenses, Dec., 1913, January and February, 1914...	215.00
	<hr/>



Net .....	\$ 626.25
Receipts, March, April, May, 1914.....	\$4,327.50
Expenses, March, April, May, 1914.....	350.00

Net .....	\$3,977.50
Receipts, June, July, August, 1914.....	\$4,572.00
Expenses, June, July, August, 1914.....	1,152.50

Net .....	\$3,419.50
Receipts, Sept., Oct., Nov., 1914.....	\$1,393.50
Expenses, Sept., Oct., Nov., 1914.....	780.00

Net .....	\$ 613.50
Total Receipts, April 12, 1913, to Nov. 30, 1913.....	\$16,562.75
Total Expenses, April 12, 1913, to Nov. 30, 1913....	3,151.39

Net .....	\$13,411.36
Total Receipts, Nov. 30, 1913, to Dec. 1, 1914.....	\$11,134.25
Total Expenses, Nov. 30, 1913, to Dec. 1, 1914.....	2,497.50

Net .....	\$8,636.75
Total disbursement through Board of Examiners for the years 1913-1914 (stamps, express, printing, etc.)	\$1,140.69

#### Recapitulation.

Total Receipts .....	\$27,697.00
Total Expense .....	6,789.58

Net .....	\$20,907.42
-----------	-------------

Total number machines registered..... 10,172

#### Summary of Financial Statements of Candidates for Primary Nominating Election, Held August 25, 1914.

##### For Representative in Congress:

John M. Evans .....	\$ 8.40
Tom Stout .....	9.31
Fletcher Maddox .....	118.00
Washington J. McCormick .....	135.45
Samuel Nicholson .....	26.00
Harry H. Parsons .....	85.50
James M. Brinson .....	9.17
Wellington D. Rankin .....	7.80
Lewis J. Duncan .....	None
W. E. Kent .....	None



**For Associate Justice of Supreme Court:**

James M. Clements .....	43.80
John E. Erickson .....	316.36
Joseph B. Poindexter .....	127.25
William L. Holloway .....	44.17
Charles A. Wallace .....	.50

**For Railroad Commissioner.**

Earl J. Johnson .....	329.60
John A. Lovelace .....	390.40
J. E. McCormick .....	382.22
Daniel Boyle .....	178.26
Nathan Godfrey .....	12.50
O. W. Tong .....	70.80
Joseph A. Williams .....	4.45
J. J. Pietila .....	.12

**District Judge.**

E. H. Goodman .....	39.00
John A. Matthews .....	64.05

**Summary of Financial Statements of Candidates for the General Election, Held November 3, 1914.**

**For Representative in Congress.**

Tom Stout .....	\$382.00
Fletcher Maddox .....	142.30
Washington J. McCormick .....	283.57
Wellington D. Rankin .....	658.75
James M. Brinson .....	217.50
Lewis J. Duncan .....	180.00
W. E. Kent .....	3.00

**For Associate Justice of Supreme Court.**

James M. Clements .....	340.00
William L. Holloway .....	707.97
Charles A. Wallace .....	35.00

**For Railroad Commissioner.**

J. E. McCormick .....	346.73
Daniel Boyle .....	444.17
Joseph A. Williams .....	358.00
J. J. Pietila .....	None

**District Judge.**

John A. Matthews .....	25.00
Wellington Napton .....	71.40
John E. Patterson .....	117.95
Theodore Lentz .....	179.93



---

---

SPECIAL REPORT OF  
Department of Weights and Measures  
For the Years 1913-1914

---

---



# REPORT OF THE DEPARTMENT OF WEIGHTS AND MEASURES FOR THE YEAR 1913.

Total number of scales inspected.....	4,743	4,743
Total number of scales condemned.....	234	
Total number of scales approved .....	4,509	
Total number of scales adjusted .....	847	
Total number of scales found correct .....	3,662	
Total number of Liquid measures inspected...	6,144	6,144
Total number of Liquid measures condemned.	160	
Total number of Liquid measures approved...	5,984	
Total number of Liquid measures adjusted....	50	
Total number of Liquid measures found correct	5,934	
Total number of Dry measures inspected.....	22	22
Total number of Dry measures condemned....	2	
Total number of Dry measures approved.....	20	
Total number of Dry measures adjusted .....	0	
Total number of Dry measures found correct..	20	
Total number of Linear measures inspected...	1,258	1,258
Total number of Linear measures condemned.	2	
Total number of Linear measures approved...	1,256	
Total number of Linear measures adjusted....	43	
Total number of Linear measures found correct	1,213	
Total number of weights inspected.....	1,808	1,808
Total number of weights condemned.....	35	
Total number of weights approved.....	1,773	
Total number of weights adjusted .....	50	
Total number of weights found correct.....	1,723	

---

Total number of inspections made..... 13,975

## District No. One.

Total number of scales inspected.....	703
Total number of scales condemned .....	27
Total number of scales approved .....	676
Total number of scales adjusted .....	166
Total number of scales found correct .....	510

Kind of Scales Inspected—	Number	Number	Number
	Number.	Approved.	Condemned.
Railroad track .....	1	1	0
Hopper .....	28	28	0
Wagon .....	87	83	4
Portable Platform .....	201	196	5
Computing .....	157	148	9
Platform			
Counter.....	103	101	2
Balances			
Spring Balances .....	58	53	5
Beam .....	53	51	2
Suspension or Crane .....	7	7	0
Auto. Weighing Machines....	8	8	0
Total .....	703	676	27

Total number of liquid measures inspected.....	392
Total number of liquid measures condemned.....	32
Total number of liquid measures approved.....	369
Total number of liquid measures adjusted .....	10
Total number of liquid measures found correct.....	350

Kind of Liquid Meas- ure Inspected—	Number	Number	Number
	Number.	Approved.	Condemned.
Tanks or Cans .....	13	12	1
Measuring Pumps .....	48	45	3
Retail Measure .....	331	303	28
Total .....	392	360	32

Total number of dry measures inspected.....	2
Total number of dry measures condemned .....	1
Total number of dry measures approved .....	1

Kind of Dry Measure Inspected—	Number.	Number Approved.	Number Condemned.
One-half pint to 1 bu.....	2	1	1
Total number of linear measures inspected.....			211
Total number of linear measures condemned.....			0
Total number of linear measures approved.....			211
Total number of linear measures adjusted .....			8
Total number of linear measures found correct.....			203



Kind of Linear Measure Inspected—	Number.	Number Approved.	Number Condemned.
Rigid .....	1	1	0
Counter tacks .....	210	210	0
	<hr/>	<hr/>	<hr/>
Total .....	211	211	0
Total number of weights inspected.....			679
Total number of weights condemned.....			11
Total number of weights approved .....			668
Total number of weights adjusted .....			5
Total number of weights found correct.....			663

Kind of Weight Inspected—	Number.	Number Approved.	Number Condemned.
Avoirdupoise .....	679	668	11

### District Number Two.

Total number of scales inspected .....	184
Total number of scales condemned .....	5
Total number of scales approved .....	179
Total number of scales adjusted .....	40
Total number of scales found correct.....	139

Kind of Scale Inspected—	Number.	Number Approved.	Number Condemned.
Railroad track .....	1	1	0
Hopper .....	4	4	0
Wagon .....	10	10	0
Portable platform .....	9	6	3
Computing .....	107	106	1
(Platform			
Counter) .....	23	23	0
(Balances			
Spring Balances .....	17	16	1
Beam .....	13	13	0

Two measuring pumps were inspected and approved.

Four avoirdupoise weights inspected, three of which were approved and one condemned.

### District Number Three.

Total number of scales inspected .....	188
Total number of scales condemned .....	2
Total number of scales approved .....	186
Total number of scales adjusted .....	83
Total number of scales found correct .....	103

Kind of Scale	Number	Number	Number
Inspected—	Number.	Approved.	Condemned.
Wagon .....	8	7	1
Portable platform .....	45	44	1
Computing .....	54	54	0
(Platform			
Counter) .....	37	37	0
(Balances			
Spring Balances .....	35	35	0
Beam .....	6	6	0
Suspension or Crane .....	3	3	0
Total .....	188	186	2

Total number of weights inspected .....	7
Total number of weights condemned .....	0
Total number of weights adjusted .....	3
Total number of weights found correct .....	4

Kind of Weight	Number	Number	Number
Inspected—	Number.	Approved.	Condemned.
Avoirdupoise .....	7	7	0

#### District Number Four.

Total number of scales inspected .....	463
Total number of scales condemned .....	12
Total number of scales approved .....	451
Total number of scales adjusted .....	19
Total number of scales found correct .....	432

Kind of Scales	Number	Number	Number
Inspected—	Number.	Approved.	Condemned.
Hopper .....	1	1	0
Wagon .....	45	43	2
Portable platform .....	94	91	3
Computing .....	277	270	7
(Platform			
Counter) .....	20	20	0
(Balance			
Beam .....	21	21	0
Suspension or Crane .....	5	5	0
Total .....	463	451	12

Total number of liquid measures inspected .....	2
---	---

Kind of Liquid Measure Inspected—	Number.	Number Approved.	Number Condemned.
Tank or Can .....	1	1	0
Retail measure .....	1	1	0

Total number linear measures inspected .....	346
Total number of linear measures condemned .....	0
Total number of linear measures approved .....	346

Kind of Linear Measure Inspected—	Number.	Number Approved.	Number Condemned.
Counter tacks .....	346	346	0

## District Number Five.

Total number of scales inspected .....	460
Total number of scales condemned .....	27
Total number of scales approved .....	433
Total number of scales adjusted .....	2
Total number of scales found correct .....	431

Kind of Scale Inspected—	Number.	Number Approved.	Number Condemned.
Hopper .....	3	3	0
Wagon .....	23	22	1
Portable Platform .....	147	141	6
Computing .....	92	85	7
(Platform Counter) .....	21	20	1
(Balances			
Spring Balances .....	97	85	12
Beam .....	57	57	0
Suspension or Crane .....	19	19	0
Auto. Weighing Machines....	1	1	0
Total .....	460	433	27

Total number of liquid measures inspected .....	4162
Total number of liquid measures condemned .....	26
Total number of liquid measures approved .....	4136
Total number of liquid measures adjusted .....	0
Total number of liquid measures found correct .....	4136

Kind of Liquid Measure Inspected—	Number.	Number Approved.	Number Condemned.
Measuring Pumps .....	23	23	0
Bottles or jars .....	4044	4033	11
Retail Measures .....	95	80	15
Total .....	4162	4 136	26

Total number linear measures inspected .....	178
Total number of linear measures condemned .....	1
Total number of linear measures approved .....	177
Total number of linear measures adjusted .....	2
Total number of linear measures found correct.....	175

Kind of Linear Measure Inspected—	Number.	Number Approved.	Number Condemned.
Counter tacks .....	178	177	1
Total number of weights inspected .....			941
Total number of weights condemned .....			6
Total number of weights approved .....			935
Total number of weights adjusted .....			7
Total number of weights found correct .....			928

Kind of Weight Inspected.	Number.	Number Approved.	Number Condemned.
Avoirdupoise .....	941	935	6

#### District Number Six.

Total number of scales inspected .....	531
Total number of scales condemned .....	82
Total number of scales approved .....	449
Total number of scales adjusted .....	162
Total number of scales found correct .....	287

Kind of Scales Inspected.	Number.	Number Approved.	Number Condemned.
Railroad track .....	3	3	0
Hopper .....	6	5	1
Wagon .....	17	16	1
Portable platform .....	153	138	15
Computing, platform .....	112	102	10
Counter, balances .....	10	9	1
Spring, balances .....	167	140	27
Beam .....	19	19	0
Suspension of crane .....	2	0	2
Auto weighing machines .....	42	17	25
Total .....	531	449	82

Total number of liquid measures inspected .....	288
Total number of liquid measures condemned .....	85
Total number of liquid measures approved .....	203
Total number of liquid measures adjusted .....	11
Total number of liquid measures found correct .....	192

Kind of Liquid Measure Inspected.	Number	Number Approved.	Number Condemned.
Tanks or cans .....	28	28	0
Measuring pumps .....	30	25	5
Bottles or jars.....	4226	4146	080
	<hr/>	<hr/>	<hr/>
Total measures .....	22,288	203	85

Total number of linear measures inspected .....	344
Total number of linear measures condemned .....	1
Total number of linear measures approved .....	343
Total number of linear measures adjusted .....	13
Total number of linear measures found correct.....	330

Kind of Linear Measures Inspected.	Number	Number Approved.	Number Condemned.
Rigid .....	1	0	1
Counter tacks .....	343	343	0
	<hr/>	<hr/>	<hr/>
Total .....	344	343	1

Total number of weights inspected .....	48
Total number of weights condemned .....	16
Total number of weights approved .....	32
Total number of weights adjusted .....	15
Total number of weights found correct .....	17

Kind of Weights Inspected.	Number	Number Approved.	Number Condemned.
Avoirdupois .....	48	32	16

### District Number Eight.

Total number of scales inspected .....	13
Total number of scales condemned .....	4
Total number of scales approved .....	9
Total number of scales adjusted .....	4
Total number of scales found correct .....	5

Kind of Scale Inspected.	Number.	Number Approved.	Number Condemned.
Wagon .....	1	1	0
Computing .....	7	5	2
(Platform			
Counter .....	1	1	0
(Balances			
Spring balance .....	4	2	2
Total .....	13	9	4

Total number of liquid measures inspected.....	36
Total number of liquid measures condemned .....	7
Total number of liquid measures approved.....	29
Total number of liquid measures adjusted.....	7
Total number of liquid measures found correct.....	21

Kind of Liquid Measures Inspected.	Number.	Number Approved.	Number Condemned.
Measuring pumps .....	11	11	0
Retail measures .....	28	21	7
Total .....	36	29	7

Total number of linear measures inspected .....	15
Total number of linear measures condemned .....	0
Total number of linear measures approved .....	15
Total number of linear measures adjusted .....	9
Total number of linear measures found correct.....	6

#### District Number Nine.

Kind of Linear Measure Inspected.	Number.	Number Approved.	Number Condemned.
Counter tacks . . . . .	15	15	0
Total number of weights inspected . . . . .			11
Total number of weights approved . . . . .			11
Four adjusted; all avoirdupois.			
Total number of scales inspected . . . . .			383
Total number of scales condemned . . . . .			9
Total number of scales approved . . . . .			374
Total number of scales adjusted . . . . .			23
Total number of scale found correct . . . . .			351



Kind of Scale	Number	Number	Number
Inspected.	Number.	Approved.	Condemned.
Railroad track .....	1	1	0
Hopper .....	6	6	0
Wagon .....	58	57	1
Portable platform .....	109	104	5
Computing .....	89	86	3
(Platform			
Counter .....	70	70	0
(Balances			
Spring balance .....	27	27	0
Beam .....	14	14	0
Suspension or crane .....	3	3	0
Auto. weighing machine .....	6	6	0
Total .....	383	374	9

Total number of liquid measures inspected .....	176
Total number of liquid measures condemned .....	0
Total number of liquid measures approved .....	176
Total number of liquid measures adjusted .....	0
Total number of liquid measures found correct .....	176

Kind of Liquid	Number	Number	Number
Measures Inspected.	Number.	Approved.	Condemned.
Tanks or cans .....	12	12	0
Measuring pumps .....	33	33	0
Bottles or jars .....	1	1	0
Retail measures .....	130	130	0
Total .....	176	176	0

Total number of linear measures inspected .....	16
Total number of linear measures condemned .....	0
Total number of linear measures approved .....	16
Total number of linear measures adjusted .....	0
Total number of linear measures found correct .....	16

Kind of Linear	Number	Number	Number
Measure Inspected.	Number.	Approved.	Condemned.
Rigid .....	1	1	0
Counter tacks .....	15	15	0
Total .....	16	16	0

Total number of weights inspected .....	60
Total number of weights condemned .....	0
Total number of weights approved .....	60
Total number of weights adjusted .....	11
Total number of weights found correct .....	49

Kind of Weights	Number	Number
Inspected.	Number.	Approved. Condemned.
Avoirdupois .....	60	60 0

### District Number Ten.

Total number of scales inspected .....	347
Total number of scales condemned .....	16
Total number of scales approved .....	331
Total number of scales adjusted .....	0
Total number of scales found correct.....	331

Kind of Scale	Number	Number
Inspected.	Number.	Approved. Condemned.
Hopper .....	2	2 0
Wagon .....	69	69 0
Portable platform .....	110	107 3
Computing .....	73	70 3
(Platform		
Counter .....	39	35 4
(Balances		
Spring balance .....	18	14 4
Beam .....	8	7 1
Suspension or crane .....	7	7 0
Auto. weighing machine .....	21	20 1
Total .....	347	331 16

### District Number Eleven.

Total number of scales inspected .....	296
Total number of scales condemned .....	8
Total number of scales approved .....	288
Total number of scales found correct .....	288

Kind of Scale Inspected.	Number.	Number Approved.	Number Condemned.
Hopper .....	14	14	0
Wagon .....	55	51	4
Portable platform .....	134	132	2
Computing .....	78	78	0
Beam .....	1	1	0
Suspension or crane .....	11	9	2
Auto. weighing machine ....	3	3	0
Total .....	296	288	8

3 liquid measures (bottles) were inspected and approved.

76 counter tacks (yds) were inspected and approved.

### District Number Thirteen.

Total number of scales inspected .....	268
Total number of scales condemned .....	20
Total number of scales approved .....	248
Total number of scales adjusted .....	60
Total number of scales found correct .....	188

Kind of Scale Inspected.	Number.	Number Approved.	Number Condemned.
Hopper .....	13	13	0
Railroad track .....	2	2	0
Wagon .....	27	26	1
Portable platform .....	111	108	3
Computing .....	38	32	6
(Platform			
Counter .....	59	58	1
(Balances			
Spring balances .....	14	7	7
Beam .....	4	2	2
Total .....	268	248	20

Total number of liquid measures inspected .....	96
Total number of liquid measures condemned .....	2
Total number of liquid measures approved .....	94
Total number of liquid measures adjusted .....	6
Total number of liquid measures found correct .....	88

Kind of Liquid Measures Inspected.	Number.	Number Approved.	Number Condemned.
Tanks or cans .....	2	2	0
Measuring pumps .....	24	22	2
Retail measures .....	70	70	0
Total .....	96	94	2

Total number of dry measures inspected ..... 20

Total number of dry measures condemned ..... 1

Total number of dry measures approved ..... 19

Kind of Dry Meas- ure Inspected.	Number.	Number Approved.	Number Condemned.
Half pint to one bushel.....	1	0	1
Barrels .....	19	19	0
Total .....	20	19	1

Total number of linear measures inspected ..... 40

Total number of linear measures condemned ..... 0

Total number of linear measures approved ..... 40

Total number of linear measures adjusted ..... 11

Total number of linear measures found correct..... 29

Kind of Linear Meas- ure Inspected—	Number.	Number Approved.	Number Condemned.
Counter tacks .....	40	40	0

#### District Number Fourteen.

Total number of scales inspected ..... 163

Total number of scales condemned ..... 7

Total number of scales approved ..... 156

Total number of scales adjusted ..... 7

Total number of scales found correct ..... 149

Kind of Scale Inspected—	Number.	Number Approved.	Number Condemned.
Railroad track .....	5	5	0
Hopper .....	5	5	0
Wagon .....	26	26	0
Portable Platform .....	55	55	0
Computing .....	21	20	1
(Platform			
Counter) .....	21	21	0
(Balances			
Spring Balances .....	21	18	3
Beam .....	4	3	1
Auto weighing machine .....	5	3	2
Total .....	163	156	7

Total number of liquid measures inspected .....	782
Total number of liquid measures condemned .....	3
Total number of liquid measures approved .....	779
Total number of liquid measures adjusted .....	0
Total number of liquid measures found correct .....	779

Kind of Liquid Measure Inspected—	Number.	Number Approved.	Number Condemned.
Tanks or Cans .....	42	42	0
Measuring Pumps .....	9	9	0
Bottles or Jars .....	640	639	1
Retail measures .....	91	89	2
	<hr/>	<hr/>	<hr/>
Total .....	782	779	3

Eleven counter tacks (yds.) were inspected and approved.

Forty-six avoirdupoise weights were inspected and approved.

#### District Number Fifteen.

Total number of scales inspected .....	744
Total number of scales condemned .....	15
Total number of scales approved .....	729
Total number of scales adjusted .....	281
Total number of scales found correct .....	448

Kind of Scale Inspected—	Number.	Number Approved.	Number Condemned.
Hopper .....	29	29	0
Wagon .....	126	121	5
Portable Platform .....	147	142	5
Computing .....	151	147	4
(Platform			
Counter) .....	98	98	0
(Balances			
Spring Balances .....	142	142	0
Beam .....	47	47	0
Suspension or Crane .....	1	1	0
Auto. weighing machine .....	3	2	1
	<hr/>	<hr/>	<hr/>
Total .....	744	729	15

Total number of liquid measures inspected .....	202
Total number of liquid measures condemned .....	5
Total number of liquid measures approved .....	197
Total number of liquid measures adjusted .....	15
Total number of liquid measures found correct .....	182

Kind of Liquid Measure Inspected—	Number.	Number Approved.	Number Condemned.
Hogshead or Barrels .....	2	2	0
Measuring Pumps .....	65	63	2
Bottles or Jars .....	42	42	0
Retail measures .....	93	90	3
Total .....	202	197	5

Total number of linear measures inspected ..... 21

Total number of linear measures condemned ..... 0

Total number of linear measures approved ..... 21

Kind of Linear Measure Inspected—	Number.	Number Approved.	Number Condemned.
Counter tacks .....	21	21	0
Total number of weights inspected .....			12
Total number of weights condemned .....			2
Total number of weights approved .....			10
Total number of weights adjusted .....			0
Total number of weights found correct .....			10

Kind of Weight Inspected—	Number.	Number Approved.	Number Condemned.
Avoirdupoise .....	12	10	2

A number of defective scales, weights and measures consisting of cheap spring balances, broken counter platform scales, indented and cheap graduated tin liquid measures and broken, substituted and home-made weights, were seized by the Department and a corner was obtained in the exhibit building at the State Fair wherein a display was made of these defective scales, weights and measures.

A pamphlet entitled "Hints for the Housekeeper," containing suggestion and examples relative to short or overweighing or measuring for the housekeeper and merchant alike was published and copies distributed throughout the various cities and towns of the State and a great number of these pamphlets were handed to the State Fair visitors from the Weights and Measure display booth at the Fair Grounds.

Results have been obtained due to these pamphlets, inasmuch as numerous letters asking for information have been received from both the housekeeper and merchant.



Also a pamphlet entitled "Notice of an important Section of the Weights and Measure Law" was published. This notice quoted Section Twelve of the Weights and Measure Law and was mailed to the merchants throughout the State.

#### Disposition of Appropriation.

Cause—	Amount.
Salary .....	\$1,500.00
Expenses .....	2,509.97
Mileage .....	375.00
Sealer's Supplies .....	141.23
Office Supplies .....	462.45
Stenographer .....	700.00
Telephone and Toll .....	41.20
Telegraph charges .....	9.59
Express charges .....	41.83
	<hr/>
Total .....	\$5,781.27
Cash Balance .....	218.73
	<hr/>
Total .....	\$6,000.00

The amount shown above as expenses embraces the traveling expenses of the Deputy Sealer of Weights and Measures, the expenses of the District Inspectors of Weights and Measures while out of their district, the expenses of the Inspector of District Number 5 for a period of six months, the expenses of the Inspector of District Number 6 for a period of two and one-half months, the expenses of the Sealer of Weights and Measures to attend the Annual Conference of the National Bureau of Standards at Washington, D. C., and the expense incurred through drayage by the Deputy Sealer of Weights and Measures. Also the salary of One hundred and twenty-five (\$125.00) Dollars per month and expenses of C. Z. Pond as special inspector for a period of two months.

#### Prosecutions for Violations of the Weights and Measure Law.

Fred Palmer of Lodge Grass, Big Horn County, on June 2, 1913, plead guilty to a charge of having used a scale which had been previously condemned, and was fined Fifty (\$50.00) dollars and costs of Two dollars and fifty cents (\$2.50).

K. K. Liquim of Wilsall, Park County, on October 24, 1913, was convicted in Justice Court of having used a scale not scaled, and was fined One hundred and thirty (\$130.00) dollars.

Notice of appeal was filed October 30, 1913.

Case was dismissed January 17, 1914.

Fair and Grouch of Kalispell, Flathead County, on November 11, 1913, plead guilty to a charge of short measuring in wood, and were fined Ten (\$10.00) dollars each.

**REPORT OF THE DEPARTMENT OF WEIGHTS AND  
MEASURES FOR THE YEAR JANUARY 1, 1914,  
TO DECEMBER 31, 1914.**

HON. A. ALDERSON, Secretary of State,  
Sealer of Weights and Measures, Ex-Officio.

Sir:—

I herewith submit the annual report of the Department of Weights and Measures for the year January 1, 1914, to December 31, 1914.

The following report is for the work done by the Department in the enforcement of Section 12, Chapter 83, S. L. 1913, as well as the enforcement of the other provisions of this Law. The enforcement of Section 12, laid before us an entirely new work. It was almost impossible to obtain information along the lines of commodity inspection from other States as they, too, had had no experience in this work, but we are well satisfied with the work we have done with this "Net contents Law," and although there are several changes we intend making in the present form of the inspectors' reports, we will carry out the same plan as the one we have used during the past year.

There is a great deal of work which still lies before this Department and under the present system can be conducted, as has been proved by the past two years' work, at a much less expense than under the old system of this work being in the hands of the counties.

We have fully obtained the results we expected by the commodity inspection work being conducted during the past few months, viz: the proper labeling as to contents, under the provisions of Section 12, of our law, of containers of commodities and articles of merchandise.

But few of the commodity inspections made were to determine the contents of a container. We wished first to cause the proper labeling of packages or containers as to contents and inspectors examined the stocks for this purpose.

When a certain brand of goods was found to be labeled incorrectly as to contents by bearing the words "about," "aver-

age," "between," "approximately," "when packed," "capacity," and etc., the stock was condemned for label and the merchant instructed to mark out these words, re-label the goods or cause them to be labeled properly before selling same. After goods so condemned had been made to comply so far as the contents, label was concerned, they were considered released without the inspector making the second inspection.

There was only one instance where a merchant was found to have disposed of an article so condemned, before causing it to be correctly labeled.

About two thousand pounds of butter found to be either incorrectly labeled as to contents or short in weight was shipped back to the manufacturer from whom it was received by the merchant in whose possession it was found, at our suggestion. Practically all of this butter was imported.

Up to date this Department has received no complaints from these manufacturers, and they have either caused their product to comply or have discontinued business in the State. We could make no headway in this matter by warning the manufacturer and we were assured in every instance that the local merchant was helpless as he had ordered the goods to comply, therefore the goods was condemned and at our suggestion the merchant shipped it back to the manufacturer.

A carload of flour was discovered in Great Falls, which bore no statement of the contents of a single sack. This was condemned and was correctly labeled before sold.

Several cases of milk were found at Havre, which did not comply as to contents statement and after being condemned were returned to the shipper. The same establishment in which this was found had ordered a car lot of the same milk, but wired cancelling the order. It was found that the car had left and was en route to Montana, but for some reason it did not reach its destination.

Some merchants objected to the condemnation of package goods on the account of incorrect contents statements, wishing to dispose of the goods so labeled on hand, but this Department was determined to have all goods labeled in compliance with Section twelve and correctly so in order that we know what to expect in the coming year of each container and although this was considered unnecessary by some, we found in some cases where goods ran short in contents. In one case out of some

five hundred and sixty-four cases, one hundred and thirty-five were found to be short in their contents. The merchant, nor we, would probably not have known this unless we had made the inspection upon the label and then tested some of the containers for contents. These statement bore the word "average" which is not correct, in our opinion, under the provisions of our law. The law calls for a correct statement of the contents of each container and as it is the intent of this law to furnish the consumer with the correct information as to the contents the statement should be correct at all times while the package is within the channels of trade, such statement, of course, being subject to a reasonable variation permitted by law.

We hope that during the coming year when the package goods will be tested as to contents, we can effect some system of notifying the jobbers in our State of the results of the tests on all goods which were distributed by them. By this we could enable the jobber to know just what he is handling that complies and does not comply either as to statement or quantity and if we know that goods is leaving the jobber which is correct in every respect, we know that it will be found so in the retailers store and that the consumer is going to get what he should. Also the jobber is better able to take any matter up with the manufacturer than the retailer. The inspectors can make tests of the goods in the hands of the retailer and report the results to this office and this office compose a statement monthly of all tests and their results, sending a copy of same to the jobbers and wholesalers of the State.

The butter question is one that has taken considerable time and with which we have learned many good points.

Experiments have been conducted not only relative to the shrinkage on butter, but to determine whether or not more butter could be put in a print with or without the creamery giving away butter. It has been said by some that if more butter was to be put in a print butter would be given away. We did not think this possible as the prints upon which we were investigating were short in weight. A creamery was visited and the forenoon devoted to weighing the butter before it was wrapped which was being cut as the creamery saw fit. It was discovered that by this method on a run of two thousand pounds, which was about the half day's run, the creamery had a gain of twenty-seven and one-fourth pounds. Butter was at that



time wholesaling at thirty-two cents a pound. This meant a profit in short weight of \$12.72, and for a full day of \$25.44. This the consumer is paying.

At noon a change was made in the wires and at the end of the afternoons run of about two thousand pounds the creamery had a gain of but seventeen ounces. This proved our contention that the packer could put more butter in a short weight package without giving butter away. The shortage was not great in a single package, but in the course of a year at the rate of the above example the creamery would make, on short weight between nine and ten thousand dollars, which the consumer pays.

We are well satisfied with our past year's work relative to the contents statement on packages as we find the goods which came in and is coming in this fall for next year's stock to be far better labeled than last year's stock. We will know what to expect of a package now and the consumer will be able to know just what he is getting for his money.

A great many loads of coal were re-weighed by the inspectors. Numerous complaints have been received to the effect that short weighing in coal was being practiced, but we have been unable to find this condition by following up these complaints. It is a hard matter to obtain at any one time enough loads to ascertain whether this condition does exist or not as after an inspector stops and re-weighs a few loads nearly all the teamsters know that they may be stopped and naturally their firm learns of the investigation. This work is being carried on this winter and we hope in the future to adopt some method whereby work may be carried on for a long enough time to obtain some idea of what condition really exists before the dealer knows that the investigation is being conducted. It is also a hard matter to obtain scales for this purpose as but few cities in the State have city scales. As a result of this Department's actions, however, the city of Billings has installed two very good wagon scales. Miles City has advertised for bids on a scale which they are going to install in place of the old one with which they have experienced trouble.

A copy of an ordinance providing for the installation of a city scale and its maintenance has been presented to the Council of the city of Helena and the matter has been taken up with the city of Kalispell. We intend to do all we can to cause the in-

stallation of a scale by every city in the State. It means a great deal to a city. There is always an authentic weight.

The inspectors in the eastern part of the State have been called upon to not only inspect the scale, but to do some actual weighing of stock over stock scales. Also the weighing of grain has been watched and there is a great deal to be done by the Department along this line. We will have a plan in action this coming year whereby the farmer will be assured of getting paid for every pound of grain he delivers to an elevator. It has been the practice of the elevator people for some time past to dock from the weight of the grain a farmer delivers to make up for shrinkage which occurs between the elevator and the point to which they ship. This should be discontinued.

We have been called upon to weigh and supervise the weighing of wool. Some have been called upon to re-scale timber. A great deal of work has been done at the coal mines. The miners are paid by the tonnage they take out and demand accurate weights. In addition to the regular beam of the scales used to determine this tonnage, a spring dial is used and up until very recently we have had difficulty in keeping these dials in shape, but after some changes, which have been made, they seem to be working very well and consistent. The scales at the mines are watched closely and at intervals cars of coal are checked.

We expect soon to have all of the oil measuring pumps sealed, so that they cannot be tampered with.

The specifications which were adopted last year are being followed and already the incorrect charts on computing scales have been nearly eliminated.

Numerous complaints have been received recently relative to the wrappings upon hams and bacons. The packing houses insist and persist in billing these articles gross weight. The retailer must pay for the wrapping and twine at the same price per pound as he pays for the meat. I note by the 1914 annual report of the Department of Weights and Measures of the State of Washington, that in one shipment of bacon received by the Old Soldiers' Home, 52 pounds of cheap paper and twine were taken from the sides. This was paid for by the State at the rate of 16c per pound, that being the figure contracted for.

This Department is gathering evidence of this practice and in the course of a short time we will be prepared to make a



fight against this practice, which, if successful, will save thousands of dollars to the people of Montana.

A great many merchants have offered their co-operation in this matter and they can aid us materially.

This Department has many friends among the retail merchants of the State and I wish to comment upon the clean business methods practiced by these. They realize that this work will solve a great deal of the high cost of living problem, but in many instances they are helpless, as the manufacturer is responsible for a great deal of the short weighting and measuring. This Department fails to see, even after all the opinions and explanations tendered by the packers, why the consumer should pay for this wrapping at such a rate or at any rate. And we are determined to thrash this matter, as well as many others, out. The butter question has to a great extent been settled and has saved a great deal. The meat, coal, lumber, grain and the thousands of packages of foodstuffs can do the same.

A great many weights found on platform scales have been confiscated, due to the fact that they did not belong to the scale upon which they were being used, or were made up of some material not in accordance with the specifications.

In many stores we found that the merchants were using liquid capacity measures to measure dry commodities. Many liquid measures were confiscated on account of being graduated or otherwise not complying with the specifications.

We intend holding a meeting of all the inspectors shortly after the first of March. Good results were obtained from the meeting which was held last July.

The following pages will give figures of the work done by this Department during the past year.

Respectfully,

JOHN P. RIDDELL,

Deputy State Sealer of Weights and Measures.

#### Districts.

District No. 1. Composed of the counties of Lewis and Clark, Jefferson, Broadwater, and Meagher until May 1, when Jefferson county was taken off. Inspector, T. J. Flynn until October 9, upon which date he died. Mr. J. W. Houle was appointed inspector November 6.

District No. 2. Composed of the counties of Silver Bow and Beaverhead. Inspector, L. D. Manning.

District No. 3. Composed of the counties of Deer Lodge, Granite and Powell. Inspector, R. Lee Kelley.

District No. 4. Composed of the counties of Missoula and Ravalli. Inspector, W. W. McCormick.

District No. 5. Composed of the counties of Flathead, Lincoln and Sanders. Inspector, C. J. Morrill.

District No. 6. Composed of the counties of Cascade and Fergus. Inspector, C. Z. Pond since May 6, prior to which date this district had no inspector this year.

District No. 7. Composed of the counties of Chouteau, Teton and Toole. Created June 15. Inspector, J. W. Simon until July 25, resigned. Mr. Chas. Lepley appointed inspector December 1, resigned December 20.

District No. 8. Composed of the counties of Valley and Sheridan. Inspector, Oscar Hage until August 1, resigned. Mr. Nels A. Levang appointed inspector August 1.

District No. 9. Composed of the counties of Custer and Dawson. Inspector, E. D. Stiles.

District No. 10. Composed of the counties of Yellowstone, Big Horn and Carbon. Inspector, Mr. A. F. McNabb.

District No. 11. Composed of the counties of Park, Sweet Grass and Stillwater. Inspector, Mr. C. H. Russell.

District No. 12. Composed of the counties of Hill and Blaine. Inspector, Mr. G. W. Dewar. Created June 15.

District No. 13. Composed of the counties of Gallatin and Madison until May 1, when it was enlarged by the addition of Jefferson county. Inspector, Mr. W. V. Wiegand.

District No. 14. Composed of the counties of Rosebud and Musselshell. Inspector, Mr. A. C. Mallery.

District No. 15. Composed of the counties of Hill, Chouteau and Teton until June 15, when it was divided between the two districts of No. 7 and 12. Inspector, Mr. G. W. Dewar.

The districts composed of counties from which new counties were created this year, embrace the new counties.

## COMMODITY REPORT BY DISTRICTS.

## District No. 1.

Total number of inspections made .....	2,540
Total number represented .....	571,672
Total number approved .....	426,774
Total number condemned .....	144,898

## District No. 2.

Mr. Manning failed to send in his reports for the months of June, July, August and September. When the military forces occupied the Court House at Butte the articles in Mr. Manning's office were removed and since that time no trace can be found of same. Among these articles were the records of Mr. Manning's past work. Mr. Manning devoted a great deal of time to instructing the merchants of Butte relative to the requirements of the law.

## District No. 3.

Total number of inspections made.....	112
Total number represented .....	437
Total number approved .....	437
Total number condemned .....	0

## District No. 4.

Total number of inspections made .....	266
Total number represented .....	16,566
Total number approved .....	16,566
Total number condemned .....	0

## District No. 5.

Total number of inspections made .....	30,758
Total number represented .....	48,826
Total number approved .....	19,424
Total number condemned .....	29,402

## District No. 6.

Total number of inspections made .....	40,397
Total number represented .....	36,961
Total number approved .....	1,753
Total number condemned .....	35,208

**District No. 7.**

Total number of inspections made .....	1,260
Total number represented .....	24,030
Total number approved .....	16,745
Total number condemned .....	7,285

District No. 7 had an inspector only from June 15th to July 25th.

**District No. 8.**

Due to the fact that an inspector did not occupy this district until late in 1913 and that his time was taken up with the scale inspections until in July of this year, no commodity inspections were made, although the inspector instructed all merchants in his district relative to the requirements of Section 12. Mr. Hage resigned as inspector of this district August 1st, and was succeeded by Mr. Levang, who has not up to date sent in a commodity report.

**District No. 9.**

Total number of inspections made .....	1,119
Total number represented .....	13,505
Total number approved .....	11,119
Total number condemned .....	2,386

**District No. 10.**

Due to the fact that Mr. McNabb failed to keep a record of his commodity inspections no figures can be quoted from his district.

Mr. McNabb did some of this work and due to his actions' results have been obtained in his district.

**District No. 11.**

Total number of inspections made .....	9,309
Total number represented .....	279,692
Total number approved .....	222,833
Total number condemned .....	56,859

**District No. 12.**

Total number of inspections made .....	1,084
Total number represented .....	90,491
Total number approved .....	82,429
Total number condemned .....	8,062

## District No. 13.

Total number of inspections made .....	3,951
Total number represented .....	189,590
Total number approved .....	138,414
Total number condemned .....	51,176

## District No. 14.

Total number of inspections made .....	2,696
Total number represented .....	44,002
Total number approved .....	32,173
Total number condemned .....	11,829

## District No. 15.

Total number of inspections made .....	1,220
Total number represented .....	110,108
Total number approved .....	104,458
Total number condemned .....	5,650

## Total Commodity Inspections for the State.

Total number of inspections made .....	94,712
Total number represented .....	1,425,880
Total number approved .....	1,073,125
Total number condemned .....	352,755

In order that we might have some basis upon which to establish a reasonable tolerance on butter packed in the ordinary one pound prints, should such a tolerance prove necessary, an experiment was conducted at the Pure Food Laboratory at Bozeman by Mr. W. H. Cobleigh and his assistant, Mr. D. E. Weatherhead, and I wish to make mention of the heartness and willingness with which these two gentlemen aided this Department in this work.

Thirty prints of butter were used in this experiment; twenty prints of butter manufactured outside of the state and ten prints of Montana butter. All samples were procured as fresh as possible. The results of this experiment are as follows:

Sixteen prints of the outside butter and six prints of the Montana butter were placed in the laboratory refrigerator and the average temperature for the entire time of the experiment, which was thirty-one days, was 7.5c.

Two prints of the Montana butter and two prints of the outside butter were placed in the regularly used refrigerator of a



store in Bozeman and the average temperature there was 7.7c.

Two prints of the Montana butter and two prints of the outside butter were placed in a storehouse, but not in a refrigerator and the average temperature there was 14.4c.

1st Sample—

First gross weight .....	17 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 9-16 oz.
Total loss .....	5-16 oz.
Moisture .....	14.09%

2nd Sample—

First gross weight .....	16 25-32 oz.
Tare .....	1 17-32 oz.
First net weight .....	15 1-4 oz.
Total loss .....	13-32 oz.
Moisture .....	12.87%

3rd Sample—

First gross weight .....	16 7-8 oz.
Tare .....	1 3-8 oz.
First net weight .....	15 1-2 oz.
Total loss .....	7-32 oz.
Moisture .....	14.77%

4th Sample—

First gross weight .....	16 25-32 oz.
Tare .....	1 1-2 oz.
First net weight .....	15 9-32 oz.
Total loss .....	1-2 oz.
Moisture .....	13.74%

5th Sample—

First gross weight .....	17 3-16 oz.
Tare .....	1 1-2 oz.
First net weight .....	15 11-16 oz.
Total loss .....	13-32 oz.
Moisture .....	12.82%

6th Sample—

First gross weight .....	17 5-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 1-4 oz.
Total loss .....	9-32 oz.
Moisture .....	12.06%



## 8th Sample

First gross weight .....	16 25-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 11-32 oz.
Total loss .....	5-16 oz.
Moisture .....	14.31%

## 9th Sample—

First gross weight .....	16 29-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 15-32 oz.
Total loss .....	0
Moisture .....	13.32%

## 10th Sample—

First gross weight .....	16 31-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 17-32 oz.
Total loss .....	15-32 00z.
Moisture .....	13.50%

## 11th Sample—

First gross weight .....	16 3-4 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 5-16 oz.
Total loss .....	3-8 oz.
Moisture .....	13.39%

## 12th Sample—

First gross weight .....	16 31-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 17-32 oz.
Total loss .....	9-32 oz.
Moisture .....	14.02%

## 13th Sample—

First gross weight .....	17 1-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 19-32 oz.
Total loss .....	11-32 oz.
Moisture .....	13.32%

## 14th Sample—

First gross weight .....	16 29-32 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 15-32 oz.
Total loss .....	5-16 oz.
Moisture .....	13.95%

## 15th Sample—

First gross weight .....	16 13-16 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 3-8 oz.
Total loss .....	1-4 oz.
Moisture .....	14.66%

## 16th Sample—

First gross weight .....	16 7-8 oz.
Tare .....	1 7-16 oz.
First net weight .....	15 7-16 oz.
Total loss .....	1-4 oz.
Moisture .....	14.22%

The above was the outside butter kept at the laboratory.

## 1st Sample—

First gross weight .....	17 25-32 oz.
Tare .....	1 5-8 oz.
First net weight .....	16 5-32 oz.
Total loss .....	1-4 oz.
Moisture .....	14.80%

## 2nd Sample—

First gross weight .....	17 11-16 oz.
Tare .....	1 21-32 oz.
First net weight .....	16 1-32 oz.
Total loss .....	9-32 oz.
Moisture .....	14.64%

## 3rd Sample—

First gross weight .....	17 9-16 oz.
Tare .....	1 9-16 oz.
First net weight .....	16 oz.
Total loss .....	1-4 oz.
Moisture .....	15.27%

## 4th Sample—

First gross weight .....	17 17-32 oz.
Tare .....	1 21-32 oz.
First net weight .....	15 7-8 oz.
Total loss .....	1-4 oz.
Moisture .....	14.70%

## 5th Sample—

First gross weight .....	17 13-16 oz.
Tare .....	1 21-32 oz.
First net weight .....	16 5-32 oz.
Total loss .....	3-8 oz.
Moisture .....	15.17%

## 6th Sample—

First gross weight .....	17 9-16 oz.
Tare .....	1 21-32 oz.
First net weight .....	15 29-32 oz.
Total loss .....	5-16 oz.
Moisture .....	14.56%

The above was the Montana butter kept at the laboratory.

## 1st Sample—

First gross weight .....	16 11-16 oz.
Tare .....	1 11-16 oz.
First net weight .....	15 oz.
Total loss .....	3-16 oz.
Moisture .....	13.29%

## 2nd Sample—

First gross weight .....	16 7-8 oz.
Tare .....	1 19-32 oz.
First net weight .....	15 9-32 oz.
Total loss .....	1-8 oz.
Moisture .....	14.64%

The above was the outside butter kept in the store refrigerator.

## 1st Sample—

First gross weight .....	17 17-32 oz.
Tare .....	1 25-32 oz.
First net weight .....	15 3-4 oz.
Total loss .....	1-8 oz.
Moisture .....	14.53%

## 2nd Sample—

First gross weight .....	17 13-16 oz.
Tare .....	1 3-4 oz.
First net weight .....	16 1-16 oz.
Total loss .....	1-8 oz.
Moisture .....	14.84%

The above was the Montana butter kept in the store refrigerator.

## 1st Sample—

First gross weight .....	16 29-32 oz.
Tare .....	1 15-32 oz.
First net weight .....	15 7-16 oz.
Total loss .....	15-32 oz.
Moisture .....	13.38%

## 2nd Sample—

First gross weight .....	16 25-32 oz.
Tare .....	1 15-32 oz.
First net weight .....	15 5-16 oz.
Total loss .....	3-8 oz.
Moisture .....	13.55%

The above was the outside butter kept in the storehouse.

## 1st Sample—

First gross weight .....	17 23-32 oz.
Tare .....	1 5-8 oz.
First net weight .....	16 3-32 oz.
Total loss .....	5-16 oz.
Moisture .....	14.96%

## 2nd Sample—

First gross weight .....	17 11-16 oz.
Tare .....	1 19-32 oz.
First net weight .....	16 3-32 oz.
Total loss .....	3-8 oz.
Moisture .....	15.04%

The above was the Montana butter kept in the storehouse.

## Report of Scale Inspections—District No. 1.

Total number of scales inspected .....	372
Total number of scales condemned .....	23
Total number of scales approved .....	349

**Report of Liquid Measure Inspections—District No. 1.**

Total number of liquid measures inspected .....	1,952
Total number of liquid measures condemned.....	11
Total number of liquid measures approved .....	1,941

**Report of Linear Measures Inspections—District No. 1.**

Total number of linear measures (yds.) inspected.....	26
Total number of linear measures (yds.) condemned....	0
Total number of linear measures (yds.) approved.....	26

**Report of Weight Inspections—District No. 1.**

Total number of weights (avd.) inspected.....	396
Total number of weights (avd.) condemned .....	0
Total number of weights (avd.) approved.....	396
Total number of inspections District No. 1.....	2,746
Total number of condemnations District No. 1.....	34
Total number of approvals District No. 1.....	2,712

**Report of Scale Inspections—District No. 2.**

Total number of scales inspected.....	174
Total number of scales condemned.....	3
Total number of scales approved.....	171

**Report of Liquid Measure Inspections—District No. 2.**

Total number of liquid measures inspected.....	25
Total number of liquid measures condemned.....	1
Total number of liquid measures approved.....	24

**Report of Weight Inspections—District No. 2.**

Total number of weights (avd.) inspected.....	9
Total number of weights (avd.) condemned.....	1
Total number of weights (avd.) approved.....	8
Total number of inspections District No. 2.....	208
Total number of condemnations District No. 2.....	5
Total number of approvals District No. 2.....	203

**Report of Scale Inspections—District No. 3.**

Total number of scales inspected.....	107
Total number of scales condemned.....	1
Total number of scales approved.....	106

**Report of Liquid Measure Inspections—District No. 3.**

Total number of liquid measures inspected.....	20
Total number of liquid measures condemned.....	0
Total number of liquid measures approved.....	20

**Report of Linear Measure Inspections—District No. 3.**

Total number of linear measures (yds.) inspected.....	12
Total number of linear measures (yds.) condemned.....	0
Total number of linear measures (yds.) approved.....	12

**Report of Weight Inspections—District No. 3.**

Total number of weights (avd.) inspected.....	23
Total number of weights (avd.) condemned.....	0
Total number of weights (avd.) approved.....	23
Total number of inspections District No. 3.....	162
Total number of condemnations District No. 3.....	1
Total number of approvals District No. 3.....	161

**Report of Scale Inspections—District No. 4.**

Total number of scales inspected.....	289
Total number of scales condemned.....	4
Total number of scales approved.....	285

**Report of Liquid Measure Inspections—District No. 4.**

Total number of liquid measures inspected.....	4
Total number of liquid measures condemned.....	1
Total number of liquid measures approved.....	3

**Report of Linear Measure Inspections—District No. 4.**

Total number of linear measures inspected (yds.).....	264
Total number of linear measures condemned (yds.)....	1
Total number of linear measures approved (yds.).....	263

**Report of Weight Inspections—District No. 4.**

Total number of weights inspected (avd.).....	0
Total number of weights condemned (avd.).....	0
Total number of weights approved (avd.).....	0
Total number of inspections District No. 4.....	557
Total number of condemnations District No. 4.....	6
Total number of approvals District No. 4.....	551

**Report of Scale Inspections—District No. 5.**

Total number of scales inspected.....	411
Total number of scales condemned.....	10
Total number of scales approved.....t..	401

**Report of Liquid Measure Inspections—District No. 5.**

Total number of liquid measures inspected.....	1,653
Total number of liquid measures condemned.....	6
Total number of liquid measures approved.....	1,647



**Report of Linear Measure Inspections—District No. 5.**

Total number of linear measures (yds.) inspected.....	31
Total number of linear measures (yds.) condemned....	31
Total number of linear measures (yds.) approved.....	0

**Report of Weight Inspections—District No. 5.**

Total number of weights (avd.) inspected.....	838
Total number of weights (avd.) condemned.....	2
Total number of weights (avd.) approved.....	836
Total number of inspections District No. 5.....	2,932
Total number of condemnations District No. 5.....	49
Total number of approvals District No. 5.....	2,883

**Report of Scale Inspections—District No. 6.**

Total number of scales inspected.....	735
Total number of scales condemned.....	58
Total number of scales approved.....	677

**Report of Liquid Measure Inspections—District No. 6.**

Total number of liquid measures inspected.....	9,290
Total number of liquid measures condemned.....	20
Total number of liquid measures approved.....	9,270

**Report of Linear Measure Inspections—District No. 6.**

Total number of linear measures (yds.) inspected.....	122
Total number of linear measures (yds.) condemned....	122
Total number of linear measures (yds.) approved.....	0

**Report of Weight Inspections—District No. 6.**

Total number of weights (avd.) inspected.....	635
Total number of weights (avd.) condemned.....	10
Total number of weights (avd.) approved.....	625
Total number of inspections District No. 6.....	10,782
Total number of condemnations District No. 6.....	210
Total number of approvals District No. 6.....	10,572

**Report of Scale Inspections—District No. 7.**

Total number of scales inspected.....	79
Total number of scales condemned .....	3
Total number of scales approved.....	76

**Report of Linear Measure Inspections—District No. 8.**

Total number of linear measures inspected (yds.).....	30
Total number of linear measures approved (yds.).....	10
Total number of linear measures approved (yds.).....	20

**Report of Weight Inspections—District No. 7.**

Total number of weights (avd.) inspected.....	51
Total number of weights (avd.) condemned.....	0
Total number of weights (yds.) approved.....	51
Total number of inspections District No. 7.....	160
Total number of condemnations District No. 7.....	13
Total number of approvals District No. 8.....	147

This district was covered by an inspection only from June 15th to July 25th, and December 1st to December 20th, during the latter period no work was done.

**Report of Scale Inspections—District No. 8.**

Total number of scales inspected.....	621
Total number of scales condemned.....	29
Total number of scales approved.....	592

**Report of Liquid Measure Inspections—District No. 8.**

Total number of liquid measures inspected.....	112
Total number of liquid measures condemned.....	18
Total number of liquid measures approved.....	94

**Report of Linear Measure Inspections—District No. 8.**

Total number of linear measures inspected (yds.).....	5
Total number of linear measures condemned (yds.).....	0
Total number of linear measures approved (yds.).....	5

**Report of Weight Inspections—District No. 8.**

Total number of weights (avd.) inspected.....	1,418
Total number of weights (avd.) condemned.....	0
Total number of weights (avd.) approved.....	1,418
Total number of inspections District No. 8.....	2,156
Total number of condemnations District No. 8.....	47
Total number of approvals District No. 8.....	2,109

**Report of Scale Inspections—District No. 9.**

Total number of scales inspected.....	406
Total number of scales condemned.....	15
Total number of scales approved.....	391

**Report of Liquid Measure Inspections—District No. 9.**

Total number of liquid measures inspected.....	205
Total number of liquid measures condemned.....	16
Total number of liquid measures approved.....	189

**Report of Dry Measure Inspections—District No. 9.**

Total number of dry measures inspected.....	5
Total number of dry measures condemned.....	3
Total number of dry measures approved.....	2

**Report of Linear Measure Inspections—District No. 9.**

Total number of linear measures (yds.) inspected.....	1
Total number of linear measures (yds.) condemned....	0
Total number of linear measures (yds.) approved.....	1

**Report of Weight Inspections—District No. 9.**

Total number of weights (avd.) inspected.....	38
Total number of weights (avd.) condemned.....	1
Total number of weights (avd.) approved.....	37
Total number of inspections District No. 9.....	655
Total number of condemnations District No. 9.....	35
Total number of approvals District No. 9.....	620

It is very seldom that we encounter dry capacity measures.

**Report of Scale Inspections—District No. 10.**

Total number of scales inspected.....	302
Total number of scales condemned.....	3
Total number of scales approved .....	299

**Report of Liquid Measure Inspections—District No. 10.**

Total number of liquid measures inspected.....	17
Total number of liquid measures condemned.....	4
Total number of liquid measures approved.....	13
Total number of inspections District No. 10.....	319
Total number of condemnations District No. 10.....	7
Total number of approvals District No. 10.....	312

**Report of Scale Inspections District No. 11.**

Total number of scales inspected.....	579
Total number of scales condemned.....	11
Total number of scales approved.....	568

**Report of Liquid Measure Inspections—District No. 11.**

Total number of liquid measures inspected.....	728
Total number of liquid measures condemned.....	1
Total number of liquid measures approved.....	727

**Report of Linear Measure Inspections—District No. 11.**

Total number of linear measures (yds.) inspected.....	19
Total number of linear measures (yds.) condemned....	0
Total number of linear measures (yds.) approved.....	19
Total number of inspections District No. 11.....	1,326
Total number of condemnations District No. 11.....	12
Total number of approvals District No. 11.....	1,314

**Report of Scale Inspections—District No. 12.**

Total number of scales inspected.....	420
Total number of scales condemned.....	25
Total number of scales approved.....	395

**Report of Liquid Measure Inspections—District No. 12.**

Total number of liquid measures inspected.....	124
Total number of liquid measures condemned.....	1
Total number of liquid measures approved.....	123

**Report of Dry Measure Inspections—District No. 12.**

Total number of dry measures inspected.....	4
Total number of dry measures condemned.....	2
Total number of dry measures approved.....	2

**Report of Linear Measure Inspections—District No. 12.**

Total number of linear measures inspected (yds.).....	23
Total number of linear measures condemned (yds.)....	0
Total number of linear measures approved (yds.).....	23
Total number of inspections District No. 12.....	571
Total number of condemnations District No. 12.....	26
Total number of approvals District No. 12.....	545

This district was created June 15th.

**Report of Scale Inspections—District No. 13.**

Total number of scales inspected.....	594
Total number of scales condemned.....	19
Total number of scales approved.....	575

**Report of Liquid Measure Inspections—District No. 13.**

Total number of liquid measures inspected.....	244
Total number of liquid measures condemned.....	17
Total number of liquid measures approved.....	227

**Report of Dry Measure Inspections—District No. 13.**

Total number of dry measures inspected.....	0
Total number of dry measures condemned.....	0
Total number of dry measures approved.....	0



**Report of Linear Measure Inspections—District No. 13.**

Total number of linear measures (yds.) inspected.....	15
Total number of linear measures (yds.) condemned.....	0
Total number of linear measures (yds.) approved.....	15

**Report of Weight Inspections—District No. 13.**

Total number of weights (avd.) inspected.....	540
Total number of weights (avd.) condemned.....	1
Total number of weights (avd.) approved.....	539
Total number of inspections District No. 13.....	1,393
Total number of condemnations District No. 13.....	37
Total number of approvals District No. 13.....	1,356

**Report of Scale Inspections—District No. 14.**

Total number of scales inspected.....	244
Total number of scales condemned.....	7
Total number of scales approved.....	237

**Report of Liquid Measure Inspections—District No. 14.**

Total number of liquid measures inspected.....	273
Total number of liquid measures condemned.....	4
Total number of liquid measures approved.....	269

**Report of Linear Measure Inspections—District No. 14.**

Total number of linear measures inspected (yds.).....	8
Total number of linear measures condemned (yds.).....	0
Total number of linear measures approved (yds.).....	8

**Report of Weight Inspections—District No. 14.**

Total number of weights (avd.) inspected.....	453
Total number of weights (avd.) condemned.....	0
Total number of weights (avd.) approved.....	453
Total number of inspections District No. 14.....	978
Total number of condemnations District No. 14.....	11
Total number of approvals District No. 14.....	967

**Report of Scale Inspections—District No. 15.**

Total number of scales inspected.....	118
Total number of scales condemned.....	3
Total number of scales approved.....	115

**Report of Liquid Measure Inspections—District No. 15.**

Total number of liquid measures inspected.....	159
Total number of liquid measures condemned.....	2
Total number of liquid measures approved.....	157

**Report of Dry Measure Inspections—District No. 15.**

Total number of dry measures inspected.....	2
Total number of dry measures condemned.....	0
Total number of dry measures approved.....	2

**Report of Linear Measure Inspections—District No. 15.**

Total number of linear measures (yds.) inspected.....	11
Total number of linear measures (yds.) condemned.....	0
Total number of linear measures (yds.) approved.....	11

**Report of Weight Inspections—District No. 15.**

Total number of weights inspected.....	11
Total number of weights condemned.....	0
Total number of weights approved.....	11
Total number of inspections District No. 15.....	301
Total number of condemnations District No. 15.....	5
Total number of approvals District No. 15.....	296

This district was in existence only until June 15th.

**Report of Scale Inspections in State.**

Total number of scales inspected.....	5,451
Total number of scales condemned.....	214
Total number of scales approved.....	5,237

**Report of Liquid Measure Inspections in State.**

Total number of liquid measures inspected.....	14,036
Total number of liquid measures condemned.....	112
Total number of liquid measures approved.....	13,924

**Report of Dry Measure Inspections in State.**

Total number of dry measures inspected.....	11
Total number of dry measures condemned.....	5
Total number of dry measures approved.....	6

**Report of Linear Measure Inspections in State.**

Total number of linear measures (yds.) inspected.....	567
Total number of linear measures (yds.) condemned.....	164
Total number of linear measures (yds.) approved.....	403

**Report of Weight Inspections in State.**

Total number of weights (avd.) inspected.....	4,412
Total number of weights (avd.) condemned.....	15
Total number of weights (avd.) approved.....	4,397
Total number of inspections in state.....	25,247
Total number of condemnations in state.....	510
Total number of approvals in state.....	24,737



During the first year of the work (1913) we found a great many scales, weights and measuring pumps which needed slight adjustments before they could be approved. The inspectors made these adjustments.

The same conditions existed this year, although, not to so great an extent, but had the inspectors condemned all weighing and measuring devices which were found incorrect upon first examination the number of condemned would have reached a very high mark, but we have always made it a point to do all that we could towards the approval of these devices and in many instances much time has been lost in so doing. We have always tried to be just a little more than fair and reasonable with the merchant whose intentions we believed to be good so long as we were gaining the point for the consumer.

This Department has tried at all times to keep out of court during the past year, but we found it necessary in a few instances to make complaint for certain violations.

Complaint was filed against the Henningsen Produce Co., of Butte, on the 27th of March, 1914, charging them with short weighing in butter. They plead guilty on the 3rd day of April, 1914, and were fined in the sum of twenty-five dollars (\$25.00), which was paid.

Complaint was filed against the Fairmont Creamery Co., of Butte, charging them with the same offense. The case was tried on the 22nd day of July, 1914. They were convicted and fined in the sum of one hundred dollars (\$100.00) on the 27th day of July, 1914. The case was appealed to the District Court and the case is now pending in the District Court of Silver Bow County.

Complaint was filed against the Chas. Gies Liquor Co., of Great Falls, and the case set for the 23rd day of December, at Shelby, Toole County. The defendant plead guilty on that date and was fined in the sum of Ten dollars (\$10.00) and costs which was paid. They were charged with a violation of Section 12 of the Weights and Measure Law.

**EXPENSES OF DISTRICTS.**

## District No. 1—

November 1, 1913, to December 1, 1914, salary.. \$1,625.00

November 1, 1913, to December 1, 1914, expenses. 846.46

Total expense, 13 months..... \$2,471.46

## District No. 2—

January 1, 1914, to December 1, 1914, salary.... \$1,375.00

January 1, 1914, to December 1, 1914, expenses.. 299.30

Total expense, 11 months..... \$1,674.30

## District No. 3—

November 1, 1913, to November 1, 1914, salary... \$1,500.00

November 1, 1913, to November 1, 1914, expenses. 180.60

Total expense, 12 months..... \$1,680.60

## District No. 4—

November 1, 1913, to November 1, 1914, salary... \$1,500.00

November 1, 1913, to November 1, 1914, expenses 656.95

Total expense, 12 months..... \$2,156.95

## District No. 5—

November 1, 1913, to November 1, 1914, salary... \$1,500.00

November 1, 1913, to November 1, 1914, expenses 547.96

Total expense, 12 months..... \$2,047.96

## District No. 6—

May 1, 1914, to November 1, 1914, salary..... \$750.00

May 1, 1914, to November 1, 1914, expenses..... 607.25

Total expense, 6 months..... \$1,357.25

## District No. 7—

Salary ..... \$491.94

Expenses ..... 170.40

Total expense ..... \$662.34

## District No. 8—

December 1, 1913, to October 1, 1914, salary.... \$1,250.00

December 1, 1913, to October 1, 1914, expenses... 473.86

Total expense, 10 months..... \$1,723.86

## District No. 9—

December 1, 1913, to December 1, 1914, salary...	\$1,500.00
December 1, 1913, to December 1, 1914, expenses	960.05
Total expense, 12 months.....	<u>\$2,460.05</u>

## District No. 10—

November 1, 1913, to November 1, 1914, salary...	\$1,500.00
November 1, 1913, to November 1, 1914, expenses	1,277.35
Total expense, 12 months.....	<u>\$2,777.35</u>

## District No. 11—

December 1, 1913, to December 1, 1914, salary...	\$1,500.00
December 1, 1913, to December 1, 1914, expenses.	904.85
Total expense, 12 months.....	<u>\$2,404.85</u>

## District No. 12 and 15, same headquarters—

December 1, 1913, to November 1, 1914, salary...	\$1,375.00
December 1, 1913, to November 1, 1914, expenses.	558.30
Total expense, 11 months.....	<u>\$1,933.30</u>

## District No. 13—

December 1, 1913, to December 1, 1914, salary...	\$1,500.00
December 1, 1913, to December 1, 1914, expenses.	1,194.80
Total expense, 12 months.....	<u>\$2,694.80</u>

## District No. 14—

December 1, 1913, to December 1, 1914, salary...	\$1,500.00
December 1, 1913, to September 1, 1914, expenses	277.05
Total expense, 1 year's salary, 9 mo. expense..	<u>\$1,777.05</u>

The above figures denote that the work done under the present system was at a far less expense per county than when the counties had the work in their hands. Also nearly twice the amount of work was done and in many counties more than twice, in the same length of time.

## Equipment of Office of Sealer of Weights and Measures:

- 1 Large testing office balance.
- 1 Case for office balance.
- 1 Inspector's portable testing outfit.
- 1 Set of brass liquid capacity testing measures.

- 1 Set of nickel liquid capacity testing measures.
  - 1 set of nickel dry capacity testing measures.
  - 1 Copper five-gallon testing measure.
  - 1 Brass standard yard testing measure.
  - 1 Case of brass graduated test weights, 1-10 gr. to 8 ounces av.
  - 1 Case steel graduated test weights, 1-32 ounce to 1 pound av.
  - 1 Case of brass graduated apothecaries test weights, 1-10 gr. to 1 lb.
  - 1 Case of aluminum and brass grain weights.
  - 1 Case of brass test weights, 50, 25, 25, 20, 10, 5, 4, 3, 2, and 1 lb. av.
  - 1 Set of steel test weights, 50, 25, 20, 10, 10, 5 lb. av.
  - 1 Brass troy test weight, 1 lb.
  - 1 6 in. pocket spirit level.
  - 1 Steel hook test weight, 1 lb. av.
  - 1 Sealing block.
  - 1 Pocket magnifier.
  - 1 Reamer and 1 pointer set.
- There has been purchased recently the following:
- 18 Aluminum coated square 50 lb. test weights.
  - 2 Sets of nickel, dull finish, liquid capacity testing measures.









